

Title (en)
FOOD-QUALITY AND SHELF-LIFE PREDICTING METHOD AND SYSTEM

Title (de)
VERFAHREN UND SYSTEM ZUR VORHERSAGE DER NAHRUNGSMITTELQUALITÄT UND LAGERBESTÄNDIGKEIT

Title (fr)
SYSTEME ET PROCEDE DE PREVISION DE LA QUALITE ET DE LA DUREE DE CONSERVATION D'ALIMENTS

Publication
EP 1393276 A2 20040303 (EN)

Application
EP 02731544 A 20020429

Priority
• US 0213354 W 20020429
• US 28855101 P 20010503
• US 6195802 A 20020201

Abstract (en)
[origin: US2002163436A1] A system is provided for monitoring the food product of a remote food product retailer. The system includes a management center in communication with the remote food product retailer via a communication network. The communication network is accessible via a user interface that may be located at any of the management center, the remote location or some other location. The management center gathers food product temperature information and uses that information to determine whether the shelved food product is within acceptable food safety and quality limits. If the food product exceeds these limits, an alarm is sounded at either the management center and the remote location. The user interface is operable to monitor the status of the food product via a selection of screens and remotely respond to the alarms.

IPC 1-7
A23L 3/36; F25B 49/00; F25D 29/00

IPC 8 full level
A23G 9/00 (2006.01); **A23L 3/00** (2006.01); **A23L 3/36** (2006.01); **F25B 49/00** (2006.01); **G05B 15/02** (2006.01); **G05B 23/02** (2006.01); **G06Q 10/08** (2012.01); F25B 5/00 (2006.01); F25D 29/00 (2006.01)

CPC (source: EP US)
A23G 9/00 (2013.01 - EP US); **A23L 3/00** (2013.01 - EP US); **A23L 3/36** (2013.01 - EP US); **F25B 49/005** (2013.01 - EP US); **G05B 23/0272** (2013.01 - EP US); **G06Q 10/087** (2013.01 - EP US); F25B 5/00 (2013.01 - EP US); F25B 2400/075 (2013.01 - EP US); F25B 2400/22 (2013.01 - EP US); F25B 2600/07 (2013.01 - EP US); F25B 2700/195 (2013.01 - EP US); F25D 29/00 (2013.01 - EP US); F25D 2400/36 (2013.01 - EP US); F25D 2700/12 (2013.01 - EP US); F25D 2700/14 (2013.01 - EP US); F25D 2700/16 (2013.01 - EP US); G05B 2223/06 (2018.08 - EP US)

Cited by
EP3754274A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2002163436 A1 20021107; **US 6549135 B2 20030415**; AT E349921 T1 20070115; AU 2002303519 A2 20021118; AU 2002303519 B2 20060511; DE 60217329 D1 20070215; DE 60217329 T2 20070628; DK 1393276 T3 20070507; EP 1393276 A2 20040303; EP 1393276 A4 20040818; EP 1393276 B1 20070103; WO 02089600 A2 20021114; WO 02089600 A3 20030703

DOCDB simple family (application)
US 6195802 A 20020201; AT 02731544 T 20020429; AU 2002303519 A 20020429; DE 60217329 T 20020429; DK 02731544 T 20020429; EP 02731544 A 20020429; US 0213354 W 20020429